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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|-------------------------|------------------|
| 09/731,088 | 12/05/2000 | Charles D. Wolfson | STL9-2000-0066US1/1804P | 9367 |

7590 06/20/2003
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EXAMINER

RIMELL, SAMUEL G

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2175

DATE MAILED: 06/20/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/731,088

Applicant(s)

WOLFSON, CHARLES D.

Examiner

Sam Rimell

Art Unit

2175

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

SAM RIMELL
PRIMARY EXAMINER

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Chandra et al. (U.S. Patent 6,058,389).

Claim 1: Chandra et al. sets forth a database system (FIG. 3) containing message queues (FIG. 2). Multiple chosen functions are provided, such as ENQUEUE and DEQUEUE in order to control the messages in the message queues (See col. 12, lines 62-68; col. 13, lines 1-67; and col. 16, lines 18-30). The chosen functions are utilized and implemented by SQL statements (col. 12, lines 65-67).

Claim 2: The chosen functions ENQUEUE and DEQUEUE can be added to a database system by creating SQL statements called ENQUEUE and DEQUEUE and parameterizing these statements with the parameters shown in Table 1 (col. 13, lines 1-9) and Table 2 (col. 16, lines 25-32). The ENQUEUE and DEQUEUE functions are thus user defined functions.

Claim 3: The user defined function ENQUEUE functions to place the message on a queue (col. 12, lines 60-67). The user defined function DEQUEUE functions to non-destructively retrieve one or all of the message from the queue (col. 16, lines 18-30). The ENQUEUE functions also involves the function of reading the message (FIG. 9A, steps 900-903).

Claim 4: The user defined function ENQUEUE function specifies a service endpoint (Queue Name, described at col. 13, line 5).

Claim 5: The user defined function ENQUEUE specifies a destination (Queue Name described at col. 13, line 5) and delivery policies (Enqueue Options described at col. 13, line 6).

Claim 6: The messaging system may be a publish/subscribe based messaging system (col. 35, lines 39-48).

Claim 7: See remarks for claim 1. Note that the message program means are the messages queues shown in FIG. 2 and the database program means is the database system of FIG. 3.

Claim 8: See remarks for claim 2.

Claim 9: See remarks for claim 3.

Claim 10: See remarks for claim 4.

Claim 11: See remarks for claim 5.

Claim 12: See remarks for claim 6.

Claim 13: See remarks for claim 1.

Claim 14: See remarks for claim 2.

Claim 15: See remarks for claim 3.

Claim 16: See remarks for claim 4.

Claim 17: See remarks for claim 5.

Claim 18: See remarks for claim 6.

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Any inquiry concerning this communication should be directed to Sam Rimell at telephone number (703) 306-5626.

A handwritten signature in black ink, appearing to read 'S. Rimell', written in a cursive style.

Sam Rimell
Primary Examiner
Art Unit 2175